

WHAT IS CLAIMED IS:

1. An electromagnetic wave absorber comprising a wave-absorbing body and a base plate supporting the bottom of said wave-absorbing body, wherein said wave-absorbing body is formed in a pyramid shape by fitting 5 polygonal wave-absorbing plates into each other.
2. The electromagnetic wave absorber according to claim 1, wherein said wave-absorbing body is formed by fitting a polygonal wave-absorbing plate having a notch in an upper portion and a polygonal wave-absorbing plate having a notch in a lower portion into each other through said notches in a crossing manner. 10
3. The electromagnetic wave absorber according to claim 1, wherein said wave-absorbing body is constituted by a plurality of first polygonal wave-absorbing plates each having a notch in an upper portion and a plurality of second polygonal wave-absorbing plates each having a notch in a lower portion, each plate being in a shape of continuously connected, 15 partially overlapping polygons, said first polygonal wave-absorbing plates and said second polygonal wave-absorbing plates engaging each other through their notches in a lattice pattern, such that said wave-absorbing body has a shape of continuously connected, partially overlapping pyramids. 20
4. The electromagnetic wave absorber according to claim 1, further comprising a shorter wave-absorbing body formed in a shape of a pyramid, a wedge or continuously connected, partially overlapping pyramids.
5. The electromagnetic wave absorber according to claim 1, wherein 25 the bottom surface of said base plate is provided with a ferrite tile.
6. The electromagnetic wave absorber according to claim 1, wherein said wave-absorbing plate is in a shape of a triangle, a trapezium or a tapered polygon.

7. The electromagnetic wave absorber according to claim 1, wherein said wave-absorbing plate is composed of a couple of non-combustible boards mainly made of an inorganic material and an electrically conductive layer sandwiched therebetween.

5 8. The electromagnetic wave absorber according to claim 7, wherein said electrically conductive layer is an electrically conductive sheet made of carbon powder or fiber dispersed in a resin.